

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM**  
**DEEP SET**  
**ANNUAL STATUS REPORT**  
**January 1, 2005 - December 31, 2005**  
Pacific Islands Regional Office  
National Marine Fisheries Service  
February 3, 2006

The Hawaii-based pelagic longline fishery targeting tunas has been monitored under a mandatory observer program since February 1994. Beginning March 1994, branch personnel have conducted daily shoreside dock rounds in Honolulu to determine which fishing vessels are in port. These dock rounds are used to obtain an estimate of fishing effort on a real-time basis by assuming that a vessel is fishing when it is absent from the harbor. This report summarizes data for vessels that declared intent for a deep set trip. This report is used to ensure prompt dissemination of Hawaii Longline Observer Data and may be revised after final data editing has been completed. The following table summarizes percent observer coverage for vessel departures, vessels arriving with observers, and protected species interactions for vessels arriving with observers during 2005.

<b>Vessel Departures - 2005 (January 1, 2005 - December 31, 2005)</b>			
Departures -----		1377	
Departures with observers -----		360	
Observer coverage 2005 -----		<b>26.1%</b>	
<b>Vessels Arriving with Observers - 2005</b>			
Departures with observers in 2005 -----		360	
Observers departing in 2004 arriving in 2005 -----		13	
Observers departing in 2005 arriving in 2006 -----		9	
Total vessels arriving with observers - 2005 -----		364	
<b>Protected Species Interactions - 2005</b>			
Vessels arriving with observers - 2005 -----		364	
Trips with turtle interactions -----		5	
Trips without turtle interactions -----		359	
Trips with marine mammal interactions -----		6	
Trips without marine mammal interactions -----		358	
Trips with seabird interactions -----		15	
Trips without seabird interactions -----		349	
<b>Total Sea Turtles Interactions -----</b>		<b>5</b>	
Released injured			
Leatherback -----		1	
Released Dead			
Olive ridley -----		4	
<b>Total Marine Mammal Interactions -----</b>		<b>6</b>	
Released injured			
Unidentified Dolphin -----		1	
Risso's Dolphin -----		1	
Blainville's Beaked Whale -----		1	
Unidentified Cetacean -----		1	
Shortfinned Pilot Whale -----		1	
Released dead			
False Killer Whale -----		1	
<b>Total Seabird Interactions -----</b>		<b>19</b>	
Released dead			
Brown Booby -----		1	
Laysan Albatross -----		6	
Black-footed Albatross -----		12	
<b>Total Sets</b>		<b>4,602</b>	
<b>Total Hooks Retrieved</b>		<b>9,360,671</b>	
<b>Turtles per 1,000 Hooks</b>		<b>0.001</b>	
<b>Seabirds per 1,000 Hooks</b>		<b>0.002</b>	
<b>Marine Mammals per 1,000 Hooks</b>		<b>0.001</b>	
Note: The percent of observer coverage is based on vessel departures.			
Protected species interactions are based on vessel arrivals. For the purpose of			
this report, an animal that becomes hooked or entangled is an interaction.			